

Shaharehar Rahaman Anik

SQA Automation & Applications Support Engineer

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Professional Summary

As a seasoned QA Engineer, I am deeply dedicated to software quality assurance (SQA) and testing, underscored by **around 4 years** of expertise in QA Automation and Application Support. My passion for design innovations and exceptional technical proficiency drives my commitment to developing innovative solutions and addressing intricate challenges in the realm of SQA. My unique blend of engineering prowess and extensive software testing experience positions me as a task-driven professional adept at ensuring the delivery of high-quality and reliable software products.

Work Experience

SQA Engineer

September 2024 to Present

BrainStation 23, Dhaka, Bangladesh

<https://brainstation-23.com>

Telenor App X (GrameenPhone LTD)

GPHOUSE Bashundhara, Baridhara Dhaka-1229

<https://www.grameenphone.com/>

- **Authored and maintained over 3000+ test cases for mobile and API functionalities.**
- **Automated test cases** using WebDriverIO, Allure Report, and Gelkins, while refactoring legacy automation code to enhance maintainability and efficiency.
- Contributed to the **enhancement and maintenance of the existing mobile app test automation framework.**
- **Performed comprehensive API testing** to ensure functionality, reliability, and performance.
- Designed and implemented a **robust testing ecosystem aligned with project goals** to ensure the delivery of high-quality software.
- Collaborated closely with **cross-functional teams** to address technical challenges and align deliverables with client requirements.
- Conducted regular sync-up meetings with internal teams and reporting stakeholders to provide project progress updates.

SQA Engineer

October 2022 to July 2024

NITEX Limited, Dhaka, Bangladesh

<https://nitex.com/>

- **Overhauled and restructured test cases, transitioning from manual to automated testing methodologies.**
- Implemented **automation for the dynamic web workspace** using Java Selenium, ensuring smooth system operation with minimal bugs.
- Enhanced **transparency at the Head of Department level, providing a comprehensive overview across the organization.**
- Conducted **Database and API Testing using the Gson getter-setter approach.**
- Managed vendors, monitored service delivery, conducted **User Acceptance Testing (UAT)**, and led Scrum meetings with team leaders.

Associate SQA Engineer
Tech Eureka, Dhaka, Bangladesh
<http://techeureka.com/>

February 2022 to September 2022

- Executed **smoke and regression tests** as required.
- Generated detailed **reports based on bug tickets** to facilitate effective communication.
- Scripted **automation using Selenium for web application and Appium for Mobile application**, ensuring efficient execution of test cases.
- Implemented Appium automation scripts to automate the execution of test cases for mobile applications.

Junior SQA Engineer
Tech Eureka, Dhaka, Bangladesh
<http://techeureka.com/>

June 2021 to January 2022

- Writing test cases on a Fintech project.
- **Reports based on bug tickets** in Jira to communicate with developers.
- **Automation using Selenium for web application testing.**
- **Manual testing** on Apps and Web pages. i. e. **CRM for a fintech group.**

Education

Bachelor of Electrical Electronics and Communication Engineering
Military Institute of Science and Technology (MIST), Dhaka

2019–2023

Higher Secondary Certificate
Adamjee Cantonment College, Dhaka

2016–2018

Skills

- **Testing Base:** Web Test Automation (Java/Selenium/maven), App Test Automation (Java/Appium/Gradle), API Testing (Postman, Rest Assured), Database Testing (SQL), Test Version Control (Git)
- **Tools:** WebDriverIO, Selenium, Appium, Playwright, Lambda Test, Extent Report, Allure Report, Postman, Jira, TestNG, Gradle
- **Languages:** Java, JavaScript, Python, C, SQL
- **Software:** MS Office, LaTeX, Adobe Photoshop, Illustrator, MATLAB
- **Others:** RPA, Eggplant by Kysight (Learning)

Projects

Attendance Automation for University Students (MIST) GitHub
Automated the entire attendance system using Java Selenium for MIST University.

E-commerce Platform Backend GitHub
Developed all APIs for user, product, cart, and order endpoints using Java and Spring Boot.

Web Automation with WebDriverIO GitHub
Automated web testing using WebDriverIO and integrated test reporting via Allure.

Playwright Web Automation GitHub
Developed reusable tools for automation in Playwright, including Allure Report generation and email notifications.

Desktop Application Automation

GitHub

Automated desktop testing for Signal App using WinAppDriver and Appium.

SWAG Lab Automation Selenium Java

GitHub

Created APIs for user endpoints, product endpoints, cart endpoints, and order endpoints using Spring Boot and Gradle.

Machine Learning-based Load and Temperature Behavior Clustering and Peak Shifting Implementation on Bangladeshi Grid Data

GitHub

Applied machine learning algorithms for clustering and peak shifting on electricity grid data to optimize energy usage.

Industrial Training Experience

Tech Eureka: Test Planning, Test Execution, Bug Reporting, API Testing, Automation – Web, Mobile and API

Fair Electronics, Dhaka: Electronics Manufacture Knowledge gain, Hands-on Experience

Teletalk: Understand Telecommunication Industry, Planning and Execution of Projects, Contributing to the Optimization of Telecommunication Services

Bangladesh Betar: Hands-on Experience in the Broadcasting Industry, Learning the Intricacies of Radio Production, Content Creation, and Broadcasting Operations

BTRC: Understand the Policy Frameworks and Governance Structures, Gain Knowledge About Telecommunications Sector

Research

Machine Learning-based Load and Temperature Behavior Clustering and Peak Shifting Implementation on Bangladeshi Grid Data

Research Details

Bangladesh Vehicle Detection and Localization with Instance Segmentation

(On processing JOURNAL)

Home Load Shifting from On Grid to Off Grid According to Off Grid Load Capacitance

(References available upon request)

Load Shifting with Microcontroller from Main Grid to Solar

(Research for reducing energy costs in Bangladesh using solar-powered load shifting)